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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: A. GOLITSCHEK EDLER VON ELBWART, et al.

Application No.: 10/580,396

Filed: May 24, 2006

For: BELIEF PROPAGATION DECODER CANCELLING THE EXCHANGE OF UNRELIABLE MESSAGES

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

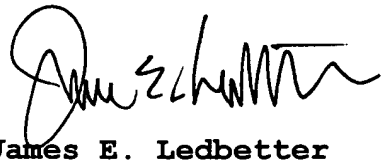
Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the documents listed on the attached Form PTO 1449. The Gallager reference is cited on page 1 of the Specification. The Tanner reference and MacKay et al.reference are cited on page 2 of the Specification. The Davey et al. reference and the Kschischang et al. reference are cited on page 3 of the Specification.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106. Applicants respectfully request that this art be expressly considered during

the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



Date: August 24, 2006

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FORM PTO-1449 (Rev. 4/92) U.S. Department of Commerce Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
L7725.06110	10/580,396
APPLICANT: Alexander GOLITSCHEK EDLER VON ELBWART, et al.	
FILING DATE: May 24, 2006	GROUP: Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
		R. Gallager: "Low-Density Parity-Check Codes," IRE Transactions on Information Theory, Vol. IT-8, pages 21-28, January 1962.
		R. Tanner: "A Recursive Approach to Low Complexity Codes," IEEE Transactions on Information Theory, vol. IT-27, No. 5, pages 533-547, September 1981.
		D. MacKay, et al.: "Near Shannon Limit Performance of Low Density parity Check Codes," IEEE Electronics Letters, vol. 32 No. 18, pages 1645-1646, August 29th, 1996.
		M. Davey, et al.: "Low-Density Parity Check Codes over GF(q)," IEEE Communications Letters, vol. 2 No. 6, pages 165-167, June 1998.
		F. Kschischang et al.: "Factor Graphs and the Sum-Product Algorithm," IEEE Transactions on Information Theory, vol. 47, No. 2, pages 498-519, February 2001.
		M. Davey, et al.: "Low Density Parity Check Codes over GF(q)," ITW, Killarney, Ireland, pages 70-71, June 22-26, 1998.

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.